SCHOOL HOLIDAY PROGRAM
SOUND SYNTHESIS FOR ELECTRONIC MUSIC

ICOM
INTERNATIONAL COLLEGE OF MUSIC

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PROGRAM DETAILS

Day/Dates:	**10th June 2022**
Time:	**2.30pm - 6.30pm**
Who Should Enrol:	**School students aged 13 - 17 years old**
Fees (RM):	**100**
Mode of Study:	**Online**

Call us at 019-4023820 for more info

TEACHER INFO
Akhtiar Zahidi

Mr Akhtiar Zahidi is a guitarist and audio engineer, with more than 10 years of teaching experience at higher education level. He is also a gold medal winner for the song, "Anon". Akhtiar teaches music and audio engineering at ICOM.

ABOUT THE WORKSHOP

Students will learn basic audio theory and how to create sounds using free software/ plugins based on sound synthesis techniques. Students will explore subtractive, AM and FM synthesis and how to apply these in electronic music production.

BENEFITS

At the end of the program, students would be able to:
• Identify types of sound synthesis and the functions
• Demonstrate the application of software in designing new sound
• Create sound design based on the free plugins

EQUIPMENT NEEDED

• Any smart device, laptop or desktop (Windows or Mac)
• Speakers and a microphone (Built-in or External Microphone)
• A webcam
• Zoom

Time	Activity
2.30pm to 4.30pm (Day 1)	• Lecture: Introduction to the Sound synthesis: Digital audio theory, Definition of synthesis and types • Lecture: Introduction into basic oscillator: VCO, VCA, VCF,LFO • Lecture: Subtractive Synthesis: Basic configuration
4.30pm to 6.30pm (Day 2)	• Lecture: AM Synthesis: Basic configuration, Flow of connection • Lecture: FM Synthesis: Basic configuration, Flow of connection.